

FIG 1



TRANSACTION ID

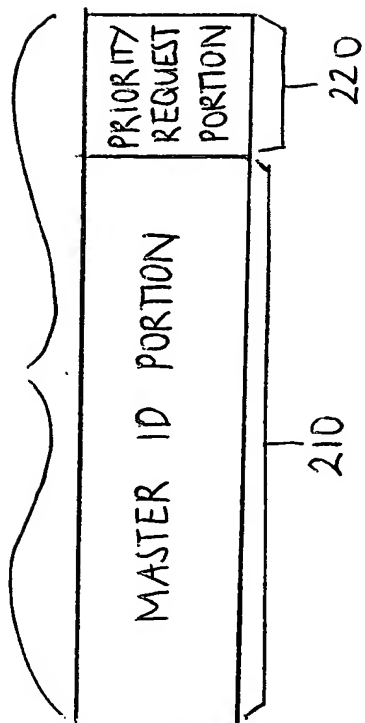


FIG 2A

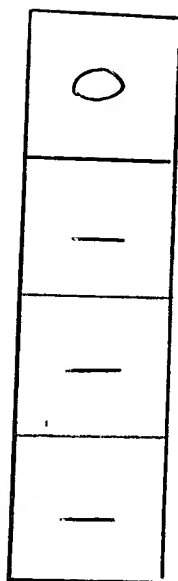


FIG 2B

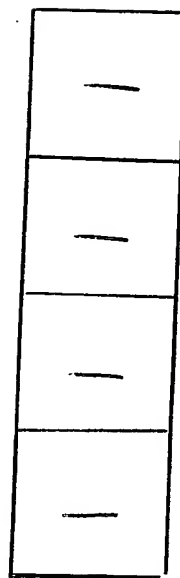


FIG 2C

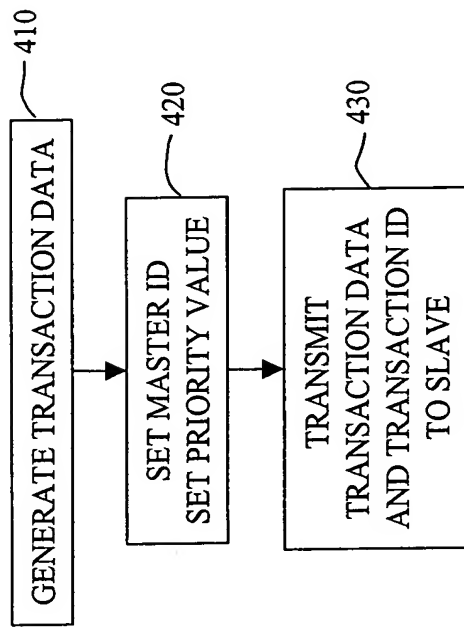
MASTER ID	PRIORITY VALUE	PRIORITY TIMEOUT
00	0	100
00	1	2
01	0	110
01	1	4
10	0	90
10	1	10
11	0	100
11	1	2

Figure 3A

MASTER ID	PRIORITY VALUE	PRIORITY TIMEOUT
0	00	100
0	01	50
0	10	20
0	11	2
1	00	40
1	01	20
1	10	10
1	11	5

Figure 3B

## MASTER



## SLAVE

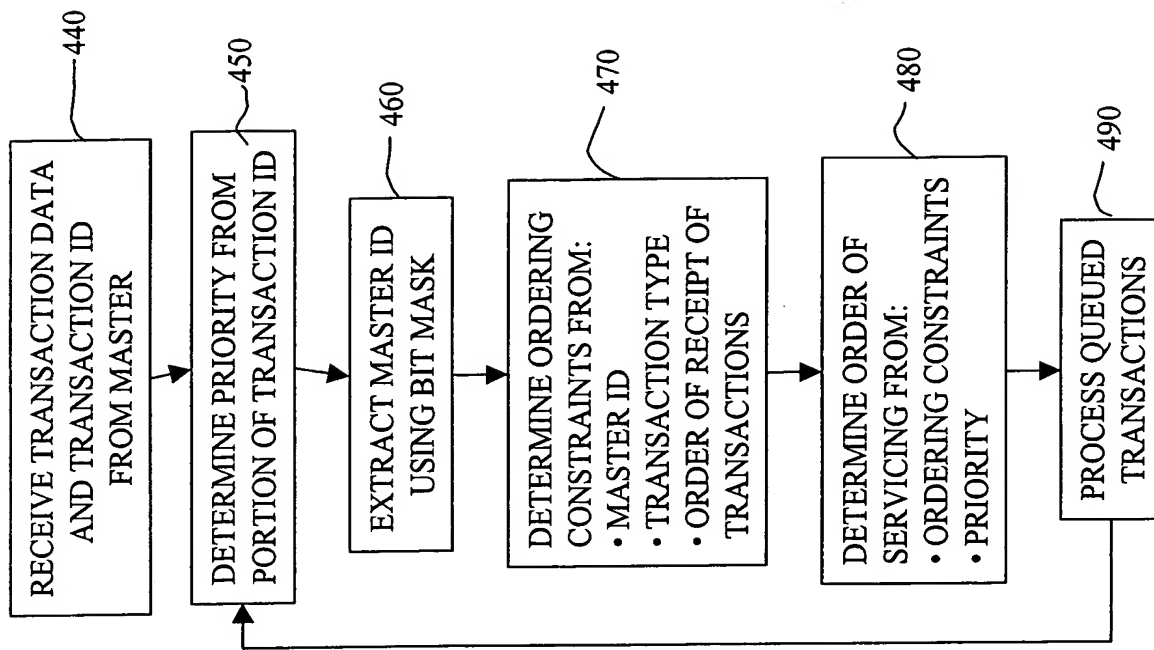


FIG 4

### ORDERING IN TRANSACTION REQUEST BUFFER

TRANSACTION NUMBER	MASTER ID	PRIORITY	TRANSACTION TYPE
T1	110	LOW	W <sub>1</sub>
T2	111	LOW	W <sub>2</sub>
T3	111	HIGH	W <sub>3</sub>
T4	111	LOW	R <sub>4</sub>
T5	100	HIGH	R <sub>5</sub>

FIG 5A

### ORDER OF SERVICING OF TRANSACTIONS

TRANSACTION NUMBER	TRANSACTION TYPE	PRIORITY
T5	R5	HIGH
T4	R4	LOW
T2	W2	LOW
T3	W3	HIGH
T1	W1	LOW

FIG 5B